

20011004.qrp v02\_n332.qrl.20011004

Date: Thu, 4 Oct 2001 19:03:07 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2332

QRP-L Digest 2332

Topics covered in this issue include:

- 1) [107960] Re: EMTECH Website  
by Donn Kuse <casey.jay@gte.net>
- 2) [107961] Re: Balun question answered!  
by "James R. Duffey" <jamesd1@flash.net>
- 3) [107962] Jamboree On the Air (Oct 20-21)  
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 4) [107963] Re: Jamboree On the Air (Oct 20-21)  
by Fred Lesnick <flesnick@tbaytel.net>
- 5) [107964] Re: Auto Z-match  
by "James R. Duffey" <jamesd1@flash.net>
- 6) [107965] Thickness of Native Oxides on Common Metals?  
by "James R. Duffey" <jamesd1@flash.net>
- 7) [107966] troubleshooting strange problem with Shortwave receiver  
by W2SH@aol.com
- 8) [107967] Product Review of Vern Wright's MP-1 Antenna System in November QST  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 9) [107968] FS: Shack Cleaning  
by "Mark Sailer" <n2jtw@yahoo.com>
- 10) [107969] WA6OWR CROSSES OVER !  
by Jerry Parker <jparker@fix.net>
- 11) [107970] General Info: KL7Y antennas de AL7FS  
by Jim Larsen <AL7FS@ARRL.NET>
- 12) [107971] FOX--Keep Them Cards and Letters Coming [g]  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 13) [107972] Re: General Info: KL7Y antennas de AL7FS  
by Tim Pettibone <k5oi@cowboy.net>
- 14) [107973] Re: Contest scoring question  
by Richard Clem <clem.law@usa.net>
- 15) [107974] Re: Contest scoring question  
by Tim Pettibone <k5oi@cowboy.net>
- 16) [107975] Re: [Re: Contest scoring question]  
by Richard Clem <clem.law@usa.net>
- 17) [107976] Re: Thickness of Native Oxides on Common Metals?  
by "Leon Heller" <leon\_heller@hotmail.com>
- 18) [107977] Re: [Re: Contest scoring question]  
by Garie Halstead <k8kfj@ntelos.net>
- 19) [107978] Re: Results New England QRP SSB NET

- by "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
- 20) [107979] Re: Shack Cleaning  
by "Dave Fifield" <dave@redhotradio.com>
- 21) [107980] Re: Connector Problem with Inrad CW Filter for FT-817  
by "Dave Fifield" <dave@redhotradio.com>
- 22) [107981] New Property Seems Antenna Unfriendly  
by Rose Or Greg <rfg@acsu.buffalo.edu>
- 23) [107982] Re: Balun question answered!  
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [107983] Re: [Re: Contest scoring question]  
by Michael Neverdosky <michaeln@cfl.rr.com>
- 25) [107984] Re: UPDATE: a few last bits and pieces  
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 26) [107985] Re: Thickness of Native Oxides on Common Metals?  
by Pete Burbank <plburbank@kih.net>
- 27) [107986] NEQRP CW Net, 4 October 01, 8:30 PM EDT, 3.565MHz  
by Chuck Ludinsky <cjl@mitre.org>
- 28) [107987] Re: Contest scoring question  
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [107988] Re: New Property Seems Antenna Unfriendly  
by "Paul Christensen" <paulc@mediaone.net>
- 30) [107989] RE: Balun problem continues  
by "Tracy Markham" <tracy@bytemark.com>
- 31) [107990] Re: shorthand  
by Bill Coleman <aa4lr@arrl.net>
- 32) [107991] Re: Shorthand / Re: FAQ What is "72" ?  
by Bill Coleman <aa4lr@arrl.net>
- 33) [107992] FW: [425ENG] Monthly bulletin  
by "Ed Tanton" <n4xy@att.net>
- 34) [107993] Re: Temporary Dipole Set-up  
by Bill Coleman <aa4lr@arrl.net>
- 35) [107994] Re: Shorthand / Re: FAQ What is "72" ?  
by W2AGN <w2agn@pobox.com>
- 36) [107995] Not Going to Pacificon???  
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 37) [107996] FS: Shack Cleaning  
by Rusticartist@aol.com
- 38) [107997] K1 extra band modules for sale  
by "Bruce Prior" <n7rr@hotmail.com>
- 39) [107998] Re: Temporary Dipole Set-up  
by IamSF5@aol.com
- 40) [107999] Re: Shorthand / Re: FAQ What is "72" ?  
by Bill Coleman <aa4lr@arrl.net>
- 41) [108000] Interesting project...  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 42) [108001] Re: Auto Z-match  
by "Aartec" <aartec@dwx.com>
- 43) [108002] Re: Temporary Dipole Set-up

by "Steven Weber" <kd1jv@moose.ncia.net>  
44) [108003] Re: Shorthand / Re: FAQ What is "72" ?  
by George Gingell <k3tks@u1.abs.net>  
45) [108004] Re: Temporary Dipole Set-up  
by Stephen M Smith <sigcom@juno.com>  
46) [108005] Re: QRPacificon Info  
by Stephen M Smith <sigcom@juno.com>  
47) [108006] Src code for PSK31/Heilschrieber on Windows...  
by <skousen@srv.net>  
48) [108007] Submitting Logs for the OCTOBER SPARTAN SPRINT  
by Russ Carpenter <russ@natworld.com>  
49) [108008] Re: Temporary Dipole Set-up  
by Bruce Muscolino <w6toy@erols.com>  
50) [108009] FAQ What is "72" -- Not in '82, '83, 84  
by "Chuck Carpenter" <w5usj@globeco.net>  
51) [108010] The use of DR  
by Bruce Muscolino <w6toy@erols.com>  
52) [108011] Re: [Re: Contest scoring question]  
by Bruce Muscolino <w6toy@erols.com>  
53) [108012] Re: [Re: Contest scoring question]  
by "Mark J. Dulcey" <mark@buttery.org>  
54) [108013] Re: [Re: Contest scoring question]  
by Garie Halstead <k8kfj@ntelos.net>  
55) [108014] Hoosier Hills Ham Fest  
by "w8diz" <w8diz@fpqrp.com>  
56) [108015] FS: many items  
by "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>  
57) [108016] RE: Src code for PSK31/Heilschrieber on Windows...  
by "Ray Goff" <radioham@gmx.co.uk>  
58) [108017] Source for AWG 12 tinned copper wire  
by "ZOOM" <kandrparker@sympatico.ca>  
59) [108018] Re: shorthand  
by <baltimoremd@baltimoremd.com>  
60) [108019] Re: Source for AWG 12 tinned copper wire  
by "Brice D. Hornback" <bdh@cyberbound.net>  
61) [108020] Corsair  
by Dave Pomeroy <dave@dpomeroy.com>  
62) [108021] Re: [Re: Contest scoring question]  
by Bruce Muscolino <w6toy@erols.com>  
63) [108022] Re: Source for AWG 12 tinned copper wire  
by "George, W5YR" <w5yr@att.net>  
64) [108023] 30m DXCC Update 151/162  
by "Adrian Weiss" <aweiss@usd.edu>  
65) [108024] Re: Corsair  
by IamSF5@aol.com  
66) [108025] Re: Temporary Dipole Set-up/Need info  
by IamSF5@aol.com  
67) [108026] FS: OHR400

by "Jason Hissong" <jhisson1@columbus.rr.com>  
68) [108027] JPS ANC-4 Noise Canceling Unit FS  
by John <jmeade@telebyteusa.com>

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Date: Wed, 03 Oct 2001 19:09:54 -0400  
From: Donn Kuse <casey.jay@gte.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [107960] Re: EMTECH Website  
Message-ID: <3BBB9AC2.FD35DD8F@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks all for the address. Much appreciated.

73 Donn, WB4ZWT  
66 and still learning

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Date: Wed, 03 Oct 2001 19:46:23 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <k5di@zianet.com>, qrp-1 <qrp-1@lehigh.edu>  
Subject: [107961] Re: Balun question answered!  
Message-ID: <B7E11B8F.DD01%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Karl - I have been following your 1:1 Balun tribulations, but I have not received them in order from the reflector. I am not sure that you are still having problems. I think that you still are.

It seems to me like you have one of two problems

1. The balun with your antenna and feedline puts the antenna tuner in a region where it cannot match effectively.
2. The balun is defective.

I suspect that one is more likely than two.

You might try changing the feedline length a bit to offer an impedance match that the tuner is happier with. Since your combination works OK at 3.5 MHz, I suggest taking 3 to 5 feet or so off the feedline in an attempt get a

better match all over the 3.5 to 4 MHz band. Then see what that does on other bands. It should be better on 40 M and 30 M as well. The higher bands should take care of themselves as the antenna impedance usually drops with increases in frequency.

Recall that a quarter wave feedline will transform a low impedance into a very high one. A quarter wave is 66 ft on 75 M, say 60 ft in 450 Ohm line, so you are getting close to that with the 50 ft line length you have. The tuner might not like this very high impedance. On 40 M you have a full wave antenna which presents a high impedance. The feedline is a roughly a half wavelength long so that there is again a high impedance presented to the tuner. 30 M is essentially a repeat of 80 M.

You might want to rewind the balun using 12 turns (or as many as will fit on a 140 core toroid) of RG-58 U coax. Put a PL-259 on one end of the coax and connect to the tuner. Connect the other end to the balanced feeder.

43 or 61 material is probably a better choice in the HF frequency range, so if you ever put in an order to Amidon you may wish to purchase either or both of these materials.

I hope that this helps. Don't give up. Let us know how it all turns out. -  
Dr. Megacycle KK6MC "Green Chile Radio"

--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

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Date: Wed, 3 Oct 2001 20:14:02 -0600  
From: "Brian P. Mileschosky" <n5zgt@swcp.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [107962] Jamboree On the Air (Oct 20-21)  
Message-ID: <008901c14c7a\$3d0f0480\$bd00b8d8@hlw11>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear QRPers,

I'm emailing you to inform you of what is Amateur Radio's greatest activity to promote our hobby to its future - the Youth.

Jamboree On the Air (JOTA) is an on-air event that occurs worldwide every third weekend of each October. Its purpose is to introduce ham radio to Scouts of all kinds (Boy, Girl, Cub, Brownies, etc.) - as well as any youth who might not be involved in scouting. Activities include learning about ham radio, making contacts on all bands and modes that the control operator is privileged to be on, and - ultimately - lighting a fire of interest underneath these youth so that they will want to study up and get their own Amateur Radio license.

There is no doubt that Amateur Radio needs young blood within its ranks. JOTA is an excellent opportunity for you and your club to do its part in ensuring the future of ham radio through interesting youth. I strongly encourage you and your club to offer JOTA to the youth in your area this year, and even go as far as making it annual club event (it's easy to plan for, because JOTA is always the 3rd weekend of October).

Start by getting together some hams who would be willing to serve as control operators for the JOTA station you or your club picks (whether it is at someone's shack, or at a club station). Plan an excellent program to introduce our hobby to the young participants in a way that is fun and educational - not boring or bland. Remember, first impressions are what counts! Teach them about the hobby, and what it exists for. Show them what can be done with ham radio, both in fun and serious/emergency situations. Mention what easy steps can be followed to get a ham radio license (remember, these are youth...don't scare them with too much technical stuff!) Then offer certain activities to hit it all home. Put them on the air on HF and VHF (key word...put THEM on the air). Offer fun activities like transmitter hunting, satellite demonstration, building antennas, etc. If you have a Scout leader in the group, ask him/her to help the participants with the Radio merit badge (most of the requirements can be taken care of during JOTA).

Then PROMOTE this activity! It takes place starting Saturday October 20 at 0001 hours local time to Sunday October 21, 2359 hours local time, though you may make your own hours of operation within that time-frame. Participants DO NOT need to stay for the whole event. Emphasize this fact when you promote this activity! They may come and go as they would like, or stay for the whole event - it is up to them. Extend an invitation to any young person you or your club members may know (Fact: everybody on this list

knows at least one young person...hint-hint). Visit Boy Scout and Girl Scout troops and packs and promote the event, too! Go to a local school and invite the young ones there to participate. Get as many youth to your JOTA event as possible, because I'm willing to bet they have never participated in an activity like this. Over 400,000 youth participated worldwide in JOTA last year...think of the fun they will have this year!

I know that JOTA is only a month away, but please consider organizing this event this year. The key to making it successful is to have good planning (start today!), good promotion (start today!) and a willingness within your club to extend an invitation to young people, who are the ultimate future of our hobby (sadly, there aren't enough of them right now).

For more information about JOTA, head over to the ARRL website ([www.arrl.org](http://www.arrl.org)) and do a word search on "JOTA". They have a JOTA packet that is available for mailing, which includes lots of great ideas and information. If you have any questions, please email me and I will be happy to answer when I check my mail.

Thank you, and I hope to work you and your club on the air helping ham radio's future during JOTA !

72,  
Brian, N5ZGT  
<http://www.swcp.com/~n5zgt>

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Amateur Radio Station N5ZGT - N5ZGT PBBS, 145.01 MHz  
ARRL Life Member, NorCal #1700 QRP-L #580 AK/QRP #125

Boy Scouts of America - Eagle Scout 12/6/96 - ASM, Troop 85  
Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

Please visit my site at <http://www.unm.edu/~brianm>

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Date: Wed, 03 Oct 2001 22:20:45 -0400  
From: Fred Lesnick <[flesnick@tbaytel.net](mailto:flesnick@tbaytel.net)>  
To: [n5zgt@swcp.com](mailto:n5zgt@swcp.com)  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [107963] Re: Jamboree On the Air (Oct 20-21)  
Message-ID: <3BBBC77D.417BF508@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Brian and Others:

I will be operating VE3LTQ during JOTA from Thunder Bay. We will be on the air the saturday afternoon. Will have the QRP gear, and 2 meter all mode as well. The FT817 will be working overtime that weekend. Hope to work as many of you fellow QRPers as possible.

72

Fred

VE3FAL

VE3LTQ(Little Thunder QRP Club)

<http://www.qsl.net/ve3fal>

"Brian P. Mileschosky" wrote:

>

> Dear QRPers,

>

> I'm emailing you to inform you of what is Amateur Radio's greatest  
> activity to promote our hobby to its future - the Youth.

>

> Jamboree On the Air (JOTA) is an on-air event that occurs worldwide  
> every third weekend of each October. Its purpose is to introduce ham radio  
> to Scouts of all kinds (Boy, Girl, Cub, Brownies, etc.) - as well as any  
> youth who might not be involved in scouting.

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Date: Wed, 03 Oct 2001 20:30:28 -0600

From: "James R. Duffey" <jamesd1@flash.net>

To: <qrp-l@lehigh.edu>, <trackerdan@earthlink.net>

Subject: [107964] Re: Auto Z-match

Message-ID: <B7E125E4.DD46%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Dan - I don't think anybody makes an automatic Z-match tuner. But I have given it some thought and it seems like a reasonable thing to do.

I think an LDG tuner could be modified to do this. Use the existing relays that switch the capacitors in the L match to switch the capacitors on the LC circuit. Use the relays that switch the inductors to switch the series capacitors. Use the relay that switches the capacitors from the input to the output to switch the output winding from high to low. I have not had the time and resources to pursue this. I am a bit loathe to invest \$100 + in a perfectly good working piece of commercial equipment only to heavily modify



(actually I would butcher) it.

I had the pleasure to discuss this topic with Charlie "Tuner" Lofgren, W6JJZ, over a couple beers and napkins at "Lake Perisscon" last month. I bought a round and Charlie bought a round. Charlie had entertained similar ideas. I like to think that great minds think alike :^). We were not sure whether the 8 relay choices available for capacitors would be enough to cover the range required, but we sort of thought it would. That was toward the end of the last beer so these were not exact calculations. I don't have the napkins so I suspect that Charlie must have kept them. Perhaps we should donate them to the Iowa QRP Napkin Ideas Archive. Ask John Burnley about the archives.

Of course one could make such a tuner from scratch. 18 relays should be enough. 20 for sure. Antenna Compendium 5 has some great ideas for automatic antenna tuners. These could be incorporated into a PIC based controller by a digital thinking QRP'er. QRP latching relays such as used in the K-2 tuner are about \$1 a piece. 20 of these are a pretty good investment for a tuner even before good capacitors or an inductor is bought. The Polyvaricon capacitors such as used in the ZM-2 are only a couple of bucks a piece.

I hope that this helps. These are just thoughts and conjectures on my part. Your's are just as valid. - Dr. Megacycle KK6MC/5

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James R. Duffey KK6MC/5 "Green Chile Radio"  
30 Casa Loma Road  
Cedar Crest, NM 87008

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Date: Wed, 03 Oct 2001 20:45:57 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [107965] Thickness of Native Oxides on Common Metals?  
Message-ID: <B7E12985.DD48%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Are there any Metallurgists or Chemists on the list who can recommend a good reference that gives the thicknesses and conductivities of native oxides on common metals such as copper, silver, aluminum, and nickel? Technically advanced texts are fine. I think I can still understand them. :^) Management has not completely rotted my brain. They are persistent though.

This is QRP related. I am trying to do some calculations in order to further

understand the role of the skin effect in ham radio. Thanks for any help you can give. - Dr. Megacycle KK6MC/5

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James R. Duffey KK6MC/5 "Radio Green Chile"  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Wed, 3 Oct 2001 22:52:42 EDT  
From: W2SH@aol.com  
To: gsehne@ibmoto.com  
Cc: qrp-1@lehigh.edu  
Subject: [107966] troubleshooting strange problem with Shortwave receiver  
Message-ID: <168.1de0915.28ed28fa@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gary,

It sounds to me as if the high frequency oscillator is quitting on you as you tune lower in frequency on the bc band. The fact that you can faintly hear a very powerful 590kHz signal is unsurprising, for, with no working high frequency oscillator, your set still functions, albeit very poorly, as a t.r.f. (tuned radio frequency), with a bit of the 590 khz input frequency able to push its way through the IF (which might be at 455 kHz--not so very far from 590 kHz) to reach the second detector and be demodulated there into audio.

First, you need to verify the operation of the hfo. There are lots of ways to do this. Picking up the RS rx's hfo at the top end of the bc band on another receiver is just one way. Then tune the RS rx lower in frequency and follow the hfo down with the auxiliary receiver.

I would guess that you will find a point at which the hfo's signal disappears. If that is so, then you will have to troubleshoot the hfo, by verifying the status of each component in that stage, to get it oscillating throughout its intended frequency range on the bc band.

GL,

Charles, W2SH

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Date: Wed, 3 Oct 2001 20:12:51 -0700

From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [107967] Product Review of Vern Wright's MP-1 Antenna System in November QST  
Message-ID: <000f01c14c82\$76ebaa20\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, one of our own, Vern Wright, W6MMA has a right to be proud. There is a 3 1/2 page product review of his fabulous MP-1 Antenna System on the ARRL web pages. It was written by Ed Hare, another one of "our" guys, and is in the "members only" section now. Hopefully it will be moved to the general section after the issue hits the streets. Plenty of pictures, and Ed does his usual excellent job of writing and telling it like it is. Nice job Vern and Ed, Love to see a QRP'er make the pages of QST.

I am not connected with Super Antennas, but Vern has given me an MP-1, and he is a good buddy of mine. But even if he had not given me an antenna, I would like it. Everything about that antenna is first rate. Quality counts in this world.

Vern will be one of the vendors at the NorCal QRP Hospitality room at Pacificon, and he has also donated an MP-1 with all accessories to the St. Aidan's Church Benefit Raffle. If you want to see the MP-1 and get a demo from the designer himself, come to Pacificon in Concord, CA on Oct. 19-21. Hope to see you there. 72, Doug  
72, Doug, KI6DS

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Date: Wed, 3 Oct 2001 23:13:52 -0400  
From: "Mark Sailer" <n2jtw@yahoo.com>  
To: "QRP\_L" <qrp-l@lehigh.edu>  
Subject: [107968] FS: Shack Cleaning  
Message-ID: <NFBBKNOCMLHLBPPIEBNEGEGKCIAA.n2jtw@yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Need to raise some funds, to help fund a Computer Certification Class I need to take.  
Cleaning out items that are backlogged on the shelf or not used.  
Work is taking far too much of my time.

- 1) NJQRP PSK-80 Warbler Kit - unbuilt \$45
- 2) NorCal BLT Tuner Kit - unbuilt \$25
- 3) NorCal BLT Tuner Kit - unbuilt \$25
- 4) NorCal BLT Tuner Kit - built \$25
- 5) AZScQRPions Broadband Noise Generator Kit - unbuilt \$10
- 6) Embedded Research TiCK-4 Keyer Chip  
8 pin DIP includes some parts to get started \$15
- 7) MFJ 9330K 30m CUB CW kit unbuilt - \$80
- 8) Radio Shack Probe Style Oscilloscope  
in box with manual Cat# 22-310 \$30
- 9) Kenwood TR-851A 430mhz All-Mode Mobile Transceiver  
In box with manual and mic. Needs new PA - haven't had time to replace it.  
\$350
- 10) Sola Electric 12.5 amp/12vDC switching Power Supply \$20
- 11) MFJ 4225MV 25amp Metered Supply \$80
- 12) Norcal K8FF Iambic Key Built  
base painted red \$40
- 13) Oak Hills Research WM-2 QRP Wattmeter - built \$80
- 14) Triplet Model 630-NA Analog Multimeter  
in Leather snap Case, original manual and stand  
no probes \$40
- 15) K1EL K20 CW Keyboard Keyer Kit \$25  
[www.k1el.com](http://www.k1el.com)
- 16) Discone Antenna - new in box  
25-1300mhz \$30
- 17) LDG Electronics BA-1 4:1 Balun \$20
- 18) Vector 12v/4aH Battery in Red Case  
w/ shoulder strap and charger \$20
- 19) Phone Linemans kit in canvas shoulder bag \$40

includes: Rotary Butt Set  
Bannana Signal Probe  
(2) Tone Generators for line testing  
Punch Down Tool  
RJ-11 crimper with Bag'0 RJ-11 connectors  
Yankee chrome speed drill  
Bell Systems wirewrap tool  
Bell Systems nut driver

20) VE3DNL Marker Generator \$12  
with case. Kit assembled.

21) Stinger Singer Frequency Counter built in case \$20

22) Stinger Singer Frequency Counter unbuilt incl. case \$20

23) Radio Works 80m Carolina Windom antenna \$50  
will include rope

Email me directly if interested in any item.

73  
Mark  
N2JTW

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Do You Yahoo!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

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Date: Wed, 03 Oct 2001 20:35:31 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [107969] WA6OWR CROSSES OVER !  
Message-ID: <2.2.32.20011004033531.006c6428@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just kidding,

well heck it got your attention.

So, down to the real reason for this email,

## "PACIFICON BADGES"

Below is the list of folks who have asked for a badge so far.

Please, do not assume we know your coming unless your on the list.

Amanda and I want to make a badge for everyone who wants one, so,

IF your not on the list please email us and we will get you on the list!

Here is the list so far:

K1MG Mike Gipe

AK1P Paul Maciel

W4NJK Charlie Mason

N5EM Ed Manual

AD6A Dave Fifield

KG6CSN John Durant

KG6CYN Trev Jacobs

KG6DFZ Amanda Parker

KI6DS Doug Hendricks

KG6EDB Ann Palmer

W6EMD Dave Meacham

W6FS Art Furtado

WA6GER Jim Cates

AD6GI Chuck Boblenz

WA6HHQ Eric Swartz

WB6JDH Dick Palmer

N6KR Wayne Burdick

KF6ML Sam Imai

WB6MLC Ken Chong

W6MMA Vern Wright

WA6OWR Jerry Parker

K6QQ John Moriarity

AA6R Gary Evans

KE6RIE Doug Hauff

KF6RMK Bill Stewart

AC6UV Gody Siason

WA6YSY John Arnold

AL7FS Jim Larsen

K7GT Allan Taylor

K7RE Brian Kassel

KL70R Dean Davis

KD7S Bill Jones

K7TQ Randy Foltz

C U THERE !

72,,,JERRY AND AMANDA !

-----  
Date: Wed, 03 Oct 2001 19:34:32 -0800  
From: Jim Larsen <AL7FS@ARRL.NET>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [107970] General Info: KL7Y antennas de AL7FS  
Message-ID: <3BBBD8C8.B9EA7383@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

As many of you know, I like to travel out to KL7Y's big contest station to run QRP from time to time. I am hoping to gain permission to do this again in the next month or two. Today, Dan updated his antenna information for me. It was so amazing I thought you all might like to see what he has for me to use on QRP. I hope to work a bunch of you on my next outing to the KL7Y monster station. So far, Dan says I have never been out there when it was a good propagation day. We can only hope. :-)

73, Jim, AL7FS

=====

KL7Y Antennas a/o 3 October 2001

>  
> 10 Four stacked Hy-Gain 105CAs at 125/100/75/50'  
> 15 Four stacked Hy-Gain 155CA at 125/100/75/50'  
> 20 Hy-Gain 205BA at 125', Hy-Gain 204BA at 60'  
> 40 Hy-Gain 3 el shorty forty at 160'  
> 80 2 el wire beam at 140', 4 sloping dipoles at 125'  
> 160 Inverted vee at 150', the 20m tower is also shunt fed  
> 30 Inverted vee at 130'  
> 17 4 el HB on the ground, rebuilding it  
> 12 4 el Cushcraft at 140', it's broken again  
> 6 6 el at 65'  
>  
> BTW, on 9/21 signals from EU on 10m were 20 over 9 (apparently all night)  
> with the RF preamp OFF. Best opening of the cycle 0 10 was wide open for 42  
> hours straight.  
>  
> KL7Y

=====

Jim Larsen, AL7FS, Anchorage, Alaska



(BP51cc) - 61.101 North, 149.824 West  
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

-----  
Date: Thu, 4 Oct 2001 00:08:08 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [107971] FOX--Keep Them Cards and Letters Coming [g]  
Message-ID: <200110040008\_MC3-E205-CCF@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
                  charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Thanks for all those who have already accepted the challenge to be FOXes =  
in  
the regular FOX Hunt this Winter. But there are still some spaces  
available, so I will be happy to hear from YOU. =

73,  
--Doc/K0EVZ

-----  
Date: Wed, 03 Oct 2001 23:54:56 -0500  
From: Tim Pettibone <k5oi@cowboy.net>  
To: AL7FS@ARRL.NET,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107972] Re: General Info: KL7Y antennas de AL7FS  
Message-ID: <5.1.0.14.0.20011003234854.009edb70@cowboy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey gang. Let me tell you, Dan's (KL7Y) antennae are nothing short of  
fabulous. I had the opportunity to help out with a contest when I lived in  
Alaska. Dan takes contesting seriously. Although he's not a qrper per se,  
he's sympathetic to say the least. I've worked Jim a couple of times when  
he's been out at Dan's. Wish I had those antennas here in Oklahoma! Can  
you believe 3 elements on 40m at 160'!

Tim K5OI  
Stillwater, OK

-----  
Date: 3 Oct 2001 23:56:31 CDT  
From: Richard Clem <clem.law@usa.net>  
To: rod@n0rc.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [107973] Re: Contest scoring question  
Message-ID: <20011004045631.18591.qmail@cpdvg202.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

N0RC wrote:

If I don't file a report, and log, after a contest, does that penalize the other operator in anyway? In other words are the points claimed by the other station(s) forfeited because there is no check on the QSO validity?

Nope, I think most testers welcome any QSO they can get. In fact, near the end of most contests, you hear them calling for "any station anywhere".

I don't think there is any checking done against stations that did not submit a log. Now, if you wanted to be mean, you could submit a log showing some, but not all, of the stations you worked :-)

I suspect that the vast majority of contest participants never submit logs. I don't think I ever have, although one of these days I'm going to get around to sending in my logs for the 1974 Novice Roundup :-)

73,  
Rick W0IS

-----  
Date: Thu, 04 Oct 2001 00:07:44 -0500  
From: Tim Pettibone <k5oi@cowboy.net>

To: clem.law@usa.net,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107974] Re: Contest scoring question  
Message-ID: <5.1.0.14.0.20011004000452.009f4600@cowboy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rick (et. al.):

Well shoot, you mean that all of those 1st place awards were only because some people didn't submit their logs? Darn, that sure takes the wind out of my sails!

Tim K5OI

At 23:56 10/03/2001 -0500, Richard Clem wrote:

>...

>I suspect that the vast majority of contest participants never submit logs. I  
>don't think I ever have, although one of these days I'm going to get around to  
>sending in my logs for the 1974 Novice Roundup :-)

>

>73,

>Rick W0IS

-----  
Date: 4 Oct 2001 00:18:43 CDT  
From: Richard Clem <clem.law@usa.net>  
To: Tim Pettibone <k5oi@cowboy.net>, clem.law@usa.net,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107975] Re: [Re: Contest scoring question]  
Message-ID: <20011004051843.23637.qmail@cpdv202.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Tim Pettibone <k5oi@cowboy.net> wrote:

> Rick (et. al.):

> =

> Well shoot, you mean that all of those 1st place awards were only because =

> some people didn't submit their logs? Darn, that sure takes the wind out =

> of my sails!  
> =

> Tim K5OI  
> =

Correction: The vast majority of low-scoring contest participants (like =  
me)  
don't bother sending in their logs :)

-----  
Date: Thu, 04 Oct 2001 05:26:52 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: jamesd1@flash.net, qrp-1@Lehigh.EDU  
Subject: [107976] Re: Thickness of Native Oxides on Common Metals?  
Message-ID: <F129A6QBcV1ZuHJRTov00012fe7@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>  
>Are there any Metallurgists or Chemists on the list who can recommend a  
>good  
>reference that gives the thicknesses and conductivities of native oxides on  
>common metals such as copper, silver, aluminum, and nickel?

If no-one here can help with this, try the rec.crafts.metalworking  
newsgroup. People there are very helpful, and seem to have an enormous  
amount of knowledge about some very esoteric stuff.

73, Leon

--  
Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Thu, 04 Oct 2001 06:05:26 +0000

From: Garie Halstead <k8kfj@ntelos.net>  
To: Richard Clem <clem.law@usa.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [107977] Re: [Re: Contest scoring question]  
Message-ID: <3BBBB5D6.2CB70C9@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Thursday, 04 October 2001, Richard Clem wrote:

> The vast majority of low-scoring contest participants (like  
> me)  
> don't bother sending in their logs :)

Question....

If people don't send in their logs, how are the contest sponsors  
supposed to gauge the amount of participation in a particular contest?  
Aren't you doing our hard working contest sponsors an injustice?

Also, should one's score determine whether or not he or she turns in a  
log? I recently turned in a 2m Sprint log of 7 Qs to at least show  
them I was there and wanted to support the contest by being a  
participant (even though I had little op time).

Just a couple of thoughts. YMMV.

With regard to N0RC's question...I would be very surprised if the  
software is in use by QRP Contests sponsors for the cross-checking of  
QS0s. Perhaps someone such as Randy (K7TQ) can tell us.

72 //Gary \*K8KFJ\*

-----  
Date: Thu, 4 Oct 2001 14:18:21 +0700  
From: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>  
To: <Ronald\_A\_Pfeiffer@raytheon.com>  
Cc: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [107978] Re: Results New England QRP SSB NET  
Message-ID: <000d01c14ca9\$ce112a60\$bc429bca@kutuimut>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

just a bit of curiosity: QRG? QTR?

72 de bam yb0ko/1

grid 0I33oi - ts120v@8W - n4pc skywire@ 40'

----- Original Message -----

From: Ronald A Pfeiffer <Ronald\_A\_Pfeiffer@raytheon.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Wednesday, September 26, 2001 9:11 PM  
Subject: Results New England QRP SSB NET

quote : The New England QRP SSB NET meet last night  
Net Control - N1ZSW Ron. Worcester, MA using K2@10W .....  
unquote

-----  
Date: Thu, 4 Oct 2001 02:20:26 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107979] Re: Shack Cleaning  
Message-ID: <002201c14cb5\$cdf101c0\$0200a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

This is an experimental email submission.  
Please delete it and think nothing further  
of the matter. Thanks, Dave, AD6A

-----  
Date: Thu, 4 Oct 2001 02:29:39 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Dave Fifield" <dave@redhotradio.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107980] Re: Connector Problem with Inrad CW Filter for FT-817  
Message-ID: <003201c14cb7\$17e9a9c0\$0200a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I recently bought a used FT-817 that included an

Inrad 500Hz CW (Collins Mechanical 455KHz) filter in the deal. It wasn't fitted in the rig, so I attempted to install it. It was immediately obvious that there was a problem with the 3-way connector block on the Inrad filter - it was fitted the wrong way round. The contacts would not make contact with the header pins in the rig. I removed the 3-way connector and fitted it back the right way round on the filter board. It works wonderfully now.

If you have one of these Inrad filters that doesn't appear to work properly (or at all) then take a close look at the connectors to make sure they are fitted the right way round!

I have some pictures of the offending article on one of my websites:

[http://www.cooltechstuff.com/Inrad\\_Filter.html](http://www.cooltechstuff.com/Inrad_Filter.html)

72, Dave, AD6A

-----  
Date: Thu, 04 Oct 2001 08:04:22 -0400  
From: Rose Or Greg <rfg@acsu.buffalo.edu>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [107981] New Property Seems Antenna Unfriendly  
Message-ID: <3BBC5046.C32105DF@acsu.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello to everyone. Moved to a new QTH with a lot size is 60' X 575'. I was hoping to put up a G5RV or all-band flattop dipole since I have an antenna tuner with balanced inputs. Problem is my home is on one end of this rectangle of a property facing two very tall Xmas trees 135' away with a garage a few feet to the left of the shack. That's it for supports. Any dipole would put the feedline far away from the entrance to the shack. Am I now forced to use a long wire antenna...One end somehow tied to the top of the Xmas tree...how do you do this?...and the other end to the home. Any ideas or maybe the long wire isn't a poor choice for Qrp.

Thanks in advance and 72,  
Greg N2DYT.

-----  
Date: Thu, 4 Oct 2001 06:10:31 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "James R. Duffey" <jamesd1@flash.net>  
Cc: <k5di@zianet.com>, qrp-1 <qrp-1@lehigh.edu>  
Subject: [107982] Re: Balun question answered!  
Message-ID: <Pine.LNX.4.33.0110040552090.1206-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

James, much of what happened was not on the list. Confusion was caused when I discovered 'sendmail' was not sending all my mail as it should. I changed my SMTP server from sendmail to my internet provider like everyone else does. The result was that 2 messages went to the list out of order. Here is what happened.

I made a 1:1 balun that checked out as a balun on all ham bands. But it didn't work with my antenna and my tuner. I asked for help to the list on making sure my 1:1 balun was working. Got all the stuff that you expect which was helpful. But it proved my balun was working.

So next day I tried it out and it worked fine with the tuner and a 66 ohm resistor load. I could load it on all bands. Tried my Cantenna 50 ohm load with 100 watts and it worked fine on all bands.

Then hooked it to my 135 foot center fed wire using 450 ohm ribbon feedline and it didn't work on 75 meters, 40 meter phone section, and all of 17 meters. I guess that the feedpoint impedance of the feedline was too high on these frequencies.

But that is how it worked on my antenna so the 4:1 balun is needed to make this antenna work on all frequencies. MFJ must have done a similar test and got similar results. And that is why the MFJ tuners have a 4:1 balun.

So I am having no problems with baluns now. I think that I will put this balun stuff on my web page so others can see it. I need to show pictures of what a toroid balun looks like. There is sure a lot of mis-information available....:-)

On Wed, 3 Oct 2001, James R. Duffey wrote:

> Karl - I have been following your 1:1 Balun tribulations, but I have not



> received them in order from the reflector. I am not sure that you are still  
> having problems. I think that you still are.  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Thu, 04 Oct 2001 12:16:51 +0000  
From: Michael Neverdosky <michaeln@cfl.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [107983] Re: [Re: Contest scoring question]  
Message-ID: <3BBC0CE3.44112784@cfl.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Richard Clem wrote:

> Correction: The vast majority of low-scoring contest participants (like me)  
> don't bother sending in their logs :)

There is another good reason to send in logs.

I won my section in the CW SS a few years ago with one (1) contact.  
I was the only QRP entry in NFL.

I worked for even that contact as I discovered lots of little problems  
with my station and operational skills. It was fun.

It was also cool to have a friend come up to me at a hamfest and tell  
me that I had won the section as I did not even know. :-))

Sometime later some very nice wallpaper arrived from the ARRL.

Each operator can send logs in or not but even a few (or one) QSOs might  
just get you a nice surprise.

michael N6CHV

-----  
Date: Thu, 4 Oct 2001 06:19:08 -0600

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107984] Re: UPDATE: a few last bits and pieces  
Message-ID: <008601c14cce\$c4b53b30\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

o 2 items sold  
o price reduced on Z11  
o details below

-rc-

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, October 03, 2001 7:32 AM  
Subject: FS: a few last bits and pieces

> Kenwood TH-G71 2m/440 dual-band HT, \$200 shipped CONUS  
SOLD

...

> Marconi 100 Watt Dummy Load, \$20 shipped CONUS  
SOLD

...

>                                  \* \* \*

>

>

> OQRPfsP:

>

> LDG Z11 Tuner, \$140, shipped CONUS

\*\*\*\*\*

PRICE REDUCED NOW \$130

\*\*\*\*\*

>

>   o Like new condition (factory assembled unit), works FB

>

>                                  \* \* \*

>

> Radio Shack 12V 3Amp [linear] power supply, \$30 shipped CONUS

>

>   o Like new condition, works FB

>   o RS Cat/Model# 22-504

> o Details here:  
>  
<http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F008%5F001%5F000%5F000&product%5Fid=22%2D504>  
>  
> \* \* \*  
>  
> Radio Shack SWR/Power Meter, \$20 shipped CONUS  
>  
> o Like new condition, works FB  
> o Cat# 21-534  
> o Details here:  
>  
<http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F001%5F002%5F004%5F000&product%5Fid=21%2D534>  
>  
>  
> 73, Rod NØRC  
> Ft Collins, CO  
>  
>

-----  
Date: Thu, 04 Oct 2001 08:19:51 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: jamesd1@flash.net,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107985] Re: Thickness of Native Oxides on Common Metals?  
Message-ID: <5.0.2.1.0.20011004080406.00ad6cb0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:45 PM 10/3/2001 -0600, James R. Duffey wrote:  
>Are there any Metallurgists or Chemists on the list who can recommend a good  
>reference that gives the thicknesses and conductivities of native oxides on  
>common metals such as copper, silver, aluminum, and nickel? Technically  
>advanced texts are fine.

Dr MC  
I used to have a CRC handbook that covered many subjects (like winter/summer gasoline specs) I gave it to my son so no telling where it is. I think it was called  
Handbook of Applied Engineering.  
As far as I know the only conductive oxide is silver.  
I remember seeing a penetration spec of .006" at 10 mc  
This is a FWIW post :-)

73 Pete NV4V

-----  
Date: Thu, 04 Oct 2001 08:29:02 -0400  
From: Chuck Ludinsky <cjl@mitre.org>  
To: neqrp@jona1.net, qrp-1@lehigh.edu  
Subject: [107986] NEQRP CW Net, 4 October 01, 8:30 PM EDT, 3.565MHz  
Message-ID: <3BBC560E.40236CCB@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 4 October 2001, at 8:30 PM EDT (0030Z, 5 October 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be Chuck, K1CL, operating from Chelmsford, MA.

Last week's net had seven participants, with generally good conditions, although there was a little QRN from various storms in the East. Even Ed, AB8DF, had a strong signal into the Northeast from Michigan. Thanks to all for QNI'ing.

|        |       |                 |         |
|--------|-------|-----------------|---------|
| WY1W   | Butch | New London, CT  | 599     |
| AB8DF  | Ed    | Waterford, MI   | 569/QSB |
| W1KRT  | Ken   | Springfield, NH | 599     |
| WB1HBE | John  | Chelmsford, MA  | 599     |
| WA3WMJ | Ken   | Erwinna, PA     | 599     |
| K1RC   | John  | Dracut, MA      | 599     |
| K1CL   | Chuck | Chelmsford, MA  | NET OP  |

Stop by and say hello to everyone on the net tonight. Hopefully, the effects of the solar storms from the last few days will have passed.

72 DE K1CL,  
Chuck.

-----  
Date: Thu, 4 Oct 2001 06:35:34 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Tim Pettibone <k5oi@cowboy.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [107987] Re: Contest scoring question  
Message-ID: <Pine.LNX.4.33.0110040634000.1206-100000@cannac.fun>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I think all those 1st place awards had to do with New Mexico and you as the only log they got...Oklahoma may be another thing all together.

On Thu, 4 Oct 2001, Tim Pettibone wrote:

> Rick (et. al.):  
>  
> Well shoot, you mean that all of those 1st place awards were only because  
> some people didn't submit their logs? Darn, that sure takes the wind out  
> of my sails!  
>  
> Tim K5OI  
>  
> At 23:56 10/03/2001 -0500, Richard Clem wrote:  
> >...  
> >I suspect that the vast majority of contest participants never submit logs. I  
> >don't think I ever have, although one of these days I'm going to get around to  
> >sending in my logs for the 1974 Novice Roundup :-)  
> >  
> >73,  
> >Rick W0IS  
>  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Thu, 4 Oct 2001 08:56:45 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <rfg@acsu.buffalo.edu>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107988] Re: New Property Seems Antenna Unfriendly  
Message-ID: <006b01c14cd4\$3c70fce0\$6401a8c0@paulch>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> of the shack. That's it for supports. Any dipole would put the feedline  
> far away from the entrance to the shack.

At HF frequencies, the distance to the antenna feed point should be of little concern with 300-ohm twin-lead, ladder or open balanced transmission line. Is your concern more with the aesthetics and potential neighbor complaints?

> Am I now forced to use a long wire antenna...One end somehow tied to the top of the Xmas tree...how do  
> you do this?...and the other end to the home.

One possibility which works well with low power is to utilize an end-fed Zepp. In your application, a single wire is slung between your two trees. Then, terminate the end closest to your shack with the transmission line. Only one side of the line connects to the antenna, the other side of the line is left unterminated. One porcelain insulator takes care of the terminating mechanics. Another insulator is placed on the far end of antenna. Black Dacron rope can be used to suspend both sides of the wire into the trees. At the shack, connect the transmission line to the balanced output of your antenna tuner.

-Paul, W9AC

-----  
Date: Thu, 4 Oct 2001 09:12:28 -0400  
From: "Tracy Markham" <tracy@bytemark.com>  
To: <k5di@zianet.com>  
Cc: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [107989] RE: Balun problem continues  
Message-ID: <NFBBKLDHALEHCJMAJPKFEEKACDAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Jerry Sevick, W2FMI, wrote several books on BALUNS and their designs. 'Transmission Line Transformers,' a hardback, is an engineers level description of the mathematics and physics involved in designing the things.

A more practical book, 'Building and Using Baluns and Ununs,' gives the math and discusses their use in amateur (ham) terms.

Karl, it's all about ohms law. The 'characteristic impedance' of the transmission line(s) applied in the transformer are calculated from the spacing of the conductors, then they are connected in a way to take advantage of parallel / series resistances to get your final transformation.

Jerry discusses the 'floating third' wire and why he uses them in some of his designs. And, yes, they all seem to have different opinions on how they are designed and best put into service.

<shameless plug>

Of course, being a commissioned salesman I'd certainly appreciate if you purchase the books that you get them from me :)

</shameless plug>

Tracy Markham, N4LGH

ByteMark / CWS International (Formerly Amidon Amateur Products)

800 679-3184

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Karl F. Larsen

Sent: Saturday, September 29, 2001 11:40 PM

To: Low Power Amateur Radio Discussion

Subject: Balun problem continues

If the info from Mike W3IRZ is correct, a 1:1 balun has 3 windings while a 4:1 balun has just 2 windings. This alone explains why MFJ and LDG and many other balun makers prefer the 4:1 balun. It's cheaper to make.

But then there's the ARRL Handbook problem. It shows just 2 windings for a 1:1 balun and explains how to re-wire a 1:1 to make it a 4:1 type. I'm about to wonder if ANYONE knows how to make a 1:1 balun on a toroid coil form.

If anyone has a document they can reference that has both types in the toroid configuration with clear pictures showing how many turns in a type of core material, I sure would like to know about it.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----

Date: Thu, 4 Oct 2001 09:09:40 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <w5xe@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107990] Re: shorthand  
Message-ID: <20011004131045.ENLN15456.imf02bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 9/25/01 2:34 PM, William R Colbert at w5xe@juno.com wrote:

>cfm is normally used when some sort of traffic is passed and  
>a questionable section is resent and "confirmed". It is not  
>normally used for "R = received or roger" but sometimes "C"  
>is used in place of the confirm "cfm" abbreviation.

I hear CFM a lot during DX contests from mostly European operators. R  
should be sufficient, but many use CFM instead of the more lengthy QSL.

I've never heard C used in place of R or CFM. C usually means Yes, as a  
phononym for the spanish word "Si".

>SN or VE(VE is the correct one) is or was normally used for  
>beginning of message, now used as a start signal or as you  
>noted - an idler.

Never heard this one on the air.

>one of the cut number sets is: A=1, U=2, V=3, 4=4, E=5, 6=6  
>B=7, D=8, N=9, T=0

You'll hear cut numbers from stations during the WPX CW contest.  
Particularly from Europe. Mostly, it's A=1, E=5, N=9 and T=0. The others  
are much less frequently heard.

>"de" is the proper way to say "this is" or "from" which are the  
>voice equivalents. To call another station or CQ and sign  
>your call without the "de" is just plain lazy and sloppy operating.

If you call another station with a formal sequence: <His Call> <My Call>,  
then I'd agree with you. It's more properly <His Call> DE <My Call>.

However, there's really no need for DE in a CQ. You'll especially see the  
DE dropped in contest: CQ TEST AA4LR. But even CQ CQ CQ AA4LR AA4LR AA4LR  
is pretty easily understood.

>I think it is shown in the calling sequences in the FCC regulations



>as the legal way of making a call.

In a formal sequence, yes, but the formal exchange isn't always necessary. In a DX pileup, Fox hunt, or contest, we don't send the other operators call at all. we just send our own. The other operators on the frequency seem to be able to figure out what's going on.

>But then again, most radio club classes do not teach proper  
>operating technique, be it cw or voice, so we end up with  
> buggered operating systems.

But operating procedure needs to be adaptive to the conditions and situation. Sending DE and all the callsigns and prosigns, etc, etc would be rather lengthy in a contest or DX pileup. The abbreviated procedures keep the essential elements, dropping anything redundant.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 4 Oct 2001 09:10:40 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k3tks@u1.abs.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107991] Re: Shorthand / Re: FAQ What is "72" ?  
Message-ID: <20011004131145.LTPM16837.imf10bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 9/26/01 2:03 AM, George Gingell at k3tks@u1.abs.net wrote:

>The Credit for it's Origion belongs to Oleg Borodin, RV3GM.  
>  
>  
>"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

The use of 72 long predates 1991...

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 4 Oct 2001 09:26:36 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [107992] FW: [425ENG] Monthly bulletin  
Message-ID: <003901c14cd8\$316e8ca0\$250f4d0c@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

72/73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----

From: 425list@425dxn.org [mailto:425list@425dxn.org]  
Sent: Thursday, October 04, 2001 4:04 AM  
To: n4xy@att.net  
Subject: [425ENG] Monthly bulletin

Hi friends

I just uploaded the September issue of the 425DXN monthly magazine. You can download the PDF or DOC files from the usual 425DXN homepage (<http://www.425dxn.org>) following the link. Enjoy and 73

Mauiry

i1-21171/IZ1CRR

---

Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.281 / Virus Database: 149 - Release Date: 18/09/2001



To: Bill Coleman <aa4lr@arrl.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107994] Re: Shorthand / Re: FAQ What is "72" ?  
Message-ID: <0110040941560P.02337@njbirdman>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Thursday 04 October 2001 09:10, Bill Coleman wrote:  
> On 9/26/01 2:03 AM, George Gingell at k3tks@u1.abs.net wrote:  
> >The Credit for it's Origion belongs to Oleg Borodin, RV3GM.  
> >  
> >  
> >"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM  
>  
> The use of 72 long predates 1991...  
>  
>  
>  
> Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net

--

Bill,

Could you provide more information on the use of 72 prior to 1991? I am sure most of us were unaware of this.

-----  
John L Sielke    W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>

-----  
Date: Thu, 04 Oct 2001 08:46:21 -0500  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [107995] Not Going to Pacificon???  
Message-ID: <4.3.2.7.2.20011004084442.00c308c0@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

In case you have not noticed, there has never been a better time to get a good deal on an airline tix to California and Pacificon!

If you were not planning to go because of the cost - give it a second look. It won't be the same without ya!

Ed Manuel, N5EM     Houston, TX (Harris Co.) EL29  
Houston QRP Club, Houston Amateur Television Society  
<http://www.n5em.com/>     [n5em@amsat.org](mailto:n5em@amsat.org)

-----  
Date: Thu, 4 Oct 2001 10:12:36 EDT  
From: Rusticartist@aol.com  
To: qrp-l@lehigh.edu  
Subject: [107996] FS: Shack Cleaning  
Message-ID: <7f.1b2fb4a2.28edc854@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The following items are surplus to my needs:

MFJ 949E tuner, New In Box. with manual. \$110

MFJ 452 keyboard keyer with MFJ keyboard. This is the one that has the LCD display that shows what you are typing as well as what is currently being sent. No box but I have the manual. Very Good condition. \$60

Autek RF-1 antenna analyst like new condition. manual and optional "pouch" case (\$17 option) \$110

P-tick keyer built and working. Manual included \$15

Prices do not include shipping...Interested parties please e-mail me direct.

73.....Jerry kg2jff

-----  
Date: Thu, 04 Oct 2001 15:12:56  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: unlisted-recipients;; (no To-header on input)  
Subject: [107997] K1 extra band modules for sale  
Message-ID: <F138EVJpjc0D543Tuy10001a60f@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

K1 fans --

If you'd like to try out extra bands for your K1 but don't have time to build the extra modules, two are now available for sale:

KFL1 filter module board for 20-m and 15-m bands, built and working \$55

KFL1 filter module board for 10-m and 17-m bands, built and working \$55

Both module boards in one order: \$100

All prices include shipping within North America.

Please respond off list.

Thanks and 72, Bruce Prior N7RR  
n7rr@hotmail.com

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Thu, 4 Oct 2001 11:15:22 EDT  
From: IamSF5@aol.com  
To: aa4lr@arrl.net, qrp-1@lehigh.edu  
Subject: [107998] Re: Temporary Dipole Set-up  
Message-ID: <16.1342a16b.28edd70a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 10/4/01 9:36:26 AM Eastern Daylight Time, aa4lr@arrl.net writes:

<<  
>My stealth antenna (June 1995, QST) used #236 magnet wire. I regularly  
>replaced this antenna about every 3 weeks because it blew down!  
>>

This has to be a typo.

I wound some small cans with # 30 and i'll never do it again.

It's like grabbing for air

Bob

WA2HOQrp <tm>

-----  
Date: Thu, 4 Oct 2001 11:28:10 -0400

From: Bill Coleman <aa4lr@arrl.net>  
To: "W2AGN" <w2agn@pobox.com>, "Bill Coleman" <aa4lr@arrl.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107999] Re: Shorthand / Re: FAQ What is "72" ?  
Message-ID: <20011004152916.PNUM16837.imf10bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/4/01 9:41 AM, W2AGN at w2agn@pobox.com wrote:

>Could you provide more information on the use of 72 prior to 1991? I am sure  
>most of us were unaware of this.

Seems to me I remember an article in 73 magazine or QST about QRP  
operation from the late 70s or early 80s that mentions "72".

I'll have to do some research.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 4 Oct 2001 08:45:02 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [108000] Interesting project...  
Message-ID: <011f01c14ceb\$8c82ea60\$dee3b3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Everyone,

I get a newsletter over e-mail every once in a while from the circuit cellar  
web site and thought that some of you may find this one interesting. Here's  
a copy of the link to the article:

HAMMING IT UP: Arcane as some may feel Morse code is, its use by ham  
operators  
and repeater stations assures its prominence. This home-brewed Morse code

sequencer is another welcome hands-on project. Teenage defiance can be altered through a means of conceiving and receiving messages. Let this device play a part.

<http://tm0.com/sbct.cgi?s=118362176&i=399113&d=1853198>

BTW, the PDF of the entire article is located on the last page along with links to the source code. Have fun...

72/73

Trev

KG6CYN

-----  
Date: Thu, 4 Oct 2001 10:59:58 -0500  
From: "Aartec" <aartec@dwx.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [108001] Re: Auto Z-match  
Message-ID: <000001c14ced\$9ea5a320\$57dececf@b6v6o9>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Glad to see this subject come up. I have been pondering different balanced line auto-tuner/remote tuner configurations as well. The Z-Match appealed to me because it doesn't require a rotary inductor or fixed inductor with multiple taps. I eliminated it from my possible choices however when I heard that tuning a Z-Match is "touchy".

After reading Jim's comments, I'm thinking I need to re-consider the Z-Match. I originally considered using a servo controlled variable capacitor, but latching relays and fixed caps has some appeal. The Iowa QRP Napkin Archive is very close to my QTH so I will have to look for the previous work that Jim mentioned. Perhaps I should also pick up a jug from the Saints micro-brewery on my way home for additional inspiration.

72

Jerry

W0PWE

-----



Date: Thu, 4 Oct 2001 11:52:01 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [108002] Re: Temporary Dipole Set-up  
Message-ID: <200110041621.f94GLtc04547@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> Sheesh! 236 gauge magnet wire would be finer than spider silk. Where did  
> you obtain this terribly fine wire, and how do you keep it from breaking  
> when a fly sneezes?  
>

When I need ultra fine magnet wire, I unwind it from a relay coil.  
The primary of a low voltage, low current transformer might also be a  
good source. 100's of feet of wire are wound on these things.

As for keeping it from breaking, I guess you don't. That's why you  
have to replace it frequently. I suppose one could use some very  
light weight nylon fishing line as a support line, which is nearly  
invisable too.

72,  
Steve, KD1JV in the White Mountains of New Hampshire  
"Melt Solder"  
<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Thu, 4 Oct 2001 12:23:01 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: Bill Coleman <aa4lr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [108003] Re: Shorthand / Re: FAQ What is "72" ?  
Message-ID: <Pine.BSF.4.33.0110041212030.66182-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill,

That may be correct, However I do not have Documents to establish that  
fact.

As you can see from my signature, I have been using 72 along with  
QRP DX TU. But, I don't believe that I added it to QRP DX TU until  
1990-1991. Memory is not a precise thing :^}

I have a folder around here somewhere, with notes that I have made on the

subject. I was researching it for an Article in The QRP Quarterly, but other things have taken priority. I am sure that Craig would still be interested in the Article, if you or anyone else cares to pursue it.

I have had correspondence with RV3GM, Oleg Borodin about this and his QRP Kits and Projects. You might say that he was/is the U-QRP Club. I have enclosed his most recent email address.

"Oleg V. \"Micro-80\" Borodin" <Master72@lipetsk.ru>

GL es CUL

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems  
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

On Thu, 4 Oct 2001, Bill Coleman wrote:

> On 9/26/01 2:03 AM, George Gingell at k3tks@u1.abs.net wrote:  
>  
> >The Credit for it's Origion belongs to Oleg Borodin, RV3GM.  
> >  
> >  
> >"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM  
>  
> The use of 72 long predates 1991...  
>  
>  
>  
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net  
> Quote: "Not within a thousand years will man ever fly!"  
> -- Wilbur Wright, 1901  
>  
>

-----

Date: Thu, 4 Oct 2001 09:52:55 -0700  
From: Stephen M Smith <sigcom@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [108004] Re: Temporary Dipole Set-up  
Message-ID: <20011004.095256.-257727.1.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Group,

A great no-cost source of magnet wire for stealth dipoles and other applications is scrapped deflection yokes from television sets. Generally speaking, the larger the picture tube, the larger the diameter of the wire. I have used the wire from old yokes for air-wound (with toilet-paper roll cores, of course!) coils and for toriod core coils/transformers. Great for experimenting. Sometimes the enamel coating flakes off when unwinding, sometimes not. That wouldn't matter for a dipole antenna.

73.....Steve 'The Scrounger' Smith  
WB6TNL Oxnard, CA USA  
"Snort Rosin"

---

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<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 4 Oct 2001 10:09:43 -0700  
From: Stephen M Smith <sigcom@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [108005] Re: QRPacificon Info  
Message-ID: <20011004.100944.-257727.2.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Wed, 3 Oct 2001 10:38:56 -0700 "Doug Hendricks" <ki6ds@dph.dpol.net> writes:

> Guys, Pacificon will be held Oct. 19, 20, and 21 at the Sheraton

> There will be lots of guys there having so much fun that they ought to be arrested. Come and join

> us.

Group,

You think Doug is kidding? Last year (or maybe it was the year before), at the Saturday night QRP Vendor/Hospitality night, we were whooping it up in grand fashion and people kept coming in from the meeting room next door (it was one of the biggie League doin's, either the Forum or the Banquet. I can't remember which.) just to see what all the excitement was about. Even some really big ARRL honchos came in and made the rounds. Comments were made by visitors to the effect that none of the other forums showed such enthusiasm. Man, we were in hog heaven (no pun intended).

So if you have the chance, try to get there. It's the perfect opportunity to hear some great speakers and to rub elbows with some of your fellow QRP'rs.

Oh, and there's a fine swap meet too :-).

73.....Steve 'The Scrounger' Smith  
WB6TNL Oxnard, CA USA  
"Snort Rosin"

-----  
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<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 4 Oct 2001 11:18:13 -0600

From: <skousen@srv.net>

To: <qrp-1@lehigh.edu>

Subject: [108006] Src code for PSK31/Heilschrieber on Windows...

Message-ID: <000401c14cf8\$8d375a60\$6701a8c0@ida.net>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi All,

I'm looking to do some playing with either PSK31 or Heilschrieber (sp), but would like to understand the internals... Is there a good software package with source, or any public domain(or GPL, etc) source code that I could use

to jump start my playing ??

I'll be using this with an FT-817, QRP of course ;-)

Thanks all  
Niel  
WA7SSA

-----  
Date: Thu, 04 Oct 2001 10:25:18 -0700  
From: Russ Carpenter <russ@natworld.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [108007] Submitting Logs for the OCTOBER SPARTAN SPRINT  
Message-ID: <B7E1E98E.952D%russ@natworld.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

The Adventure Radio Society's internet service provider was acquired by EarthLink. We are staggering along with EarthLink for the time being, but will be transferring to another ISP as soon as humanly possible.

In the meantime, we have modified the Spartan Sprint autolog to allow you to file your results by email. Here is the direct link:[http://www.natworld.com/ars/ss\\_log.html](http://www.natworld.com/ars/ss_log.html)

Thanks for your patience!

Russ Carpenter, AA7QU  
Contest Manager

-----  
Date: Thu, 04 Oct 2001 13:25:40 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: Bill Coleman <aa4lr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [108008] Re: Temporary Dipole Set-up  
Message-ID: <3BBC9B94.54E0D4F2@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, Bill, I am glad to have provided you with the chuckle of the day. It was an obvious type. My spell checker does not catch things like

that, sorry to have caused you so much trouble that you had to send three messages out saying it was a might be a typo!

Yo all the others who suggested sources for fine magnet wire, thanks!

73

-----  
Date: Thu, 04 Oct 2001 12:27:36 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: k3tks@u1.abs.net,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [108009] FAQ What is "72" -- Not in '82, '83, 84  
Message-ID: <3.0.2.32.20011004122736.00819960@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Danny es folks,

Just went through all my QRP QSL cards from '82, '83, and '84.

Not one of many used 72, all used 73.

If 72 was known by then, no one was using it on all the card I have from back then.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

-----  
Date: Thu, 04 Oct 2001 13:51:01 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: mehartwell@att.com, qrp-l@lehigh.edu  
Subject: [108010] The use of DR  
Message-ID: <3BBCA185.1D1EE034@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Since some suspicions have been raised about mt interpretation of the use of DR in QSOs, I took the liberty of asking a European ham, one who you all know well, Ingo, DK3RED for his interpretation of the symbol. I also asked if he used it, and if I could repeat his answer here. He agreed, so here it is, form a real European ham!

Does this answer the question for all of you doubters?

73

>Hello Bruce,

> As a European ham do you use the honorific DR when carrying on a CW  
> contact with another ham? What is your understanding of its meaning?

Yes, I (and the most hams?) use "DR" as "dear" (i.e. "GM DR OP" or "TNX  
DR  
OM FER QS0" or so). Is the same like "GM BRUCE SAN" in Japanese . Do  
you  
write "Dear ladys and gentlemens" on the head of a letter? This "dear"  
is  
what I mean. But I would not say "Yes my dear." ;o)

I hope it helps.

--

72/73 de Ingo, DK3RED

-----  
Date: Thu, 04 Oct 2001 14:12:21 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: k8kfj@ntelos.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [108011] Re: [Re: Contest scoring question]  
Message-ID: <3BBCA685.85897C71@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gary,

Number one, the contest organizers have radios too! They can listen to  
the contest and see what is going on!

Number two. They often enter their own contests! Their on the air  
experience and the entries from those who do send in logs tells them a  
lot about activity!

I will say that the requirement for entries in "Cabrillo" format put me  
off from entering any ARRL contests last year. Maybe I will buy/try

some this year off line.

I don't believe it is required for QRP contests yet!

73

-----  
Date: Thu, 04 Oct 2001 14:17:25 -0400  
From: "Mark J. Dulcey" <mark@buttery.org>  
To: w6toy@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [108012] Re: [Re: Contest scoring question]  
Message-ID: <3BBCA7B5.2080601@buttery.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

>  
> I will say that the requirement for entries in "Cabrillo" format put me  
> off from entering any ARRL contests last year. Maybe I will buy/try  
> some this year off line.

Why would that requirement put you off? It's only required if you submit a log electronically (which you will probably only do if you logged with a computer), and all the popular computer logging programs can produce Cabrillo format logs automatically. So the requirement really isn't any big deal, unless you have some old version of logging software that you don't want to upgrade.

-----  
Date: Thu, 04 Oct 2001 18:27:52 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: Bruce Muscolino <w6toy@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [108013] Re: [Re: Contest scoring question]  
Message-ID: <3BBC63D8.41F7CA30@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Thursday, 04 October 2001, Bruce Muscolino wrote:



> I will say that the requirement for entries in "Cabrillo" format put me  
> off from entering any ARRL contests last year. Maybe I will buy/try  
> some this year off line.

I hope so Bruce as Cabrillo is the standard now for ARRL and NCJ tests.  
All the major contest logging software (CT, NA, TR, etc.) support it.  
The ARRL has some great contests (SS is a big favorite of many) and  
I'd hate to see you miss out on 'em another year.

> I don't believe it is required for QRP contests yet!

I really don't see QRP Contest sponsors using the log checking software  
anytime soon (which would require the cabrillo format by all entrants).

Hope to work you on the air soon Bruce. I'll be the weak guy down  
about the 3rd layer. HI

72 //Gary \*K8KFJ\*

-----  
Date: Thu, 4 Oct 2001 14:44:00 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [108014] Hoosier Hills Ham Fest  
Message-ID: <004201c14d04\$8935b1d0\$39d81b41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi ya'll...

Some ARCI & FPqrp members will be doing a QRP Forum at the Hoosier Hills Ham  
Fest  
in Bedford IN. this weekend (Sunday).

We will be using the FPqrp club call "W8PIG" on or near 7044 and 14062 this  
Saturday  
after about 2300Z.

Rig will be the multiPIG at 5 Watts; antenna will be an 80 foot total length  
dipole fed  
with 300 ohm open line.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

-----  
Date: Thu, 4 Oct 2001 13:52:15 -0500  
From: "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [108015] FS: many items  
Message-ID: <F05408425630D4118DEE0000F840B5D485CBF5@ALRSRV02>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

For Sale ... All prices are firm please and include shipping (stateside anyway...)

Small Wonder Labs SW40+ --built but just in a temporary case with 10 turn pot (set for about 130khz tuning range can be changed to standard) needs final tuning. Comes with the instruction packet. \$70.00

Small Wonder Labs SW30+ --built and in small black metal case. I think I have the instruction packet. \$75.00

Heathkit HW-8 -- with power supply and copy of manual. Great shape. \$120.00

Radio Shack HTX-100 --10 meter SSB/CW mobile transceiver . Good shape. \$100.00

Radio Shack HTX-10 --10 meter SSB/FM/AM mobile transceiver . Great shape. With manual. \$120.00

Ten Tec 1210 transverter -- 10m to 2m transverter. built to work with the HTX-10. With manual \$125.00

MFJ 9406 6 meter SSB transceiver. -- Does not have the CW board and no manual. \$135.00

Alinco 2m handheld -- about 340 mw output, modified for wideband receive to include NOAA weather. \$65.00

Alinco 440 handheld -- about 340 mw output. modified with BNC antenna connector instead of standard tiny whip and wideband receive. \$65.00

Icom -- 440 FM handheld (I think it's the IC-04AT but I'm not sure. has wide coverage and is the same size as the HT-202 from Radio Shack) with 8 AA battery holder (I use Renewal Alkaline rechargeable batteries). \$85.00

Norcal 38 Special -- was working when I took it out of the case. Without controls or connectors. \$25.00

Please reply offline via the email address KC5TTY@aol.com (its at my home and not work)

Steve Brockwell KC5TTY  
100 Keeney Rd  
Elgin, OK 73538

KC5TTY@AOL.COM

-----  
Date: Thu, 4 Oct 2001 19:48:21 +0100  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>  
Subject: [108016] RE: Src code for PSK31/Heilschrieber on Windows...  
Message-ID: <FDE0KGEJJFNPABJIJGDDCEKCCMAA.radioham@gmx.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

try

<http://aintel.bi.ehu.es/psk31.html>

and for more information and C++ source code look at

<http://www.qsl.net/ae4jy>

and follow the link WinPSK 1.2

72's de Ray g4fon

RSGB, BATC, GQRP-10698  
radioham@gmx.co.uk  
www.g4fon.co.uk

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

skousen@srv.net  
Sent: 04 October 2001 18:18  
To: Low Power Amateur Radio Discussion  
Subject: Src code for PSK31/Heilschrieber on Windows...

Hi All,

I'm looking to do some playing with either PSK31 or Heilschrieber (sp), but would like to understand the internals... Is there a good software package with source, or any public domain(or GPL, etc) source code that I could use to jump start my playing ??

I'll be using this with an FT-817, QRP of course ;-)

Thanks all  
Niel  
WA7SSA

-----  
Date: Thu, 4 Oct 2001 02:59:00 -0400  
From: "ZOOM" <kandrparker@sympatico.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [108017] Source for AWG 12 tinned copper wire  
Message-ID: <008201c14ca2\$0c106ae0\$3294fea9@robertpa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi All;

I'm experimenting on antenna again! I'm building a Ferrite antenna for transmitting/receiving. This will be a QRP antenna about 15" long and resonate on 80M and 20M. I'm looking for a source for a small quantity of AWG 12 tinned copper wire so if you know of a source that is not too expensive, please let me know. I don't want to have to buy 50lbs of wire.

Cheers,  
Robert  
VE3RPF

Date: Thu, 4 Oct 2001 15:25:52 -0400 (EDT)  
From: <baltimoremd@baltimoremd.com>  
To: Bill Coleman <aa4lr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [108018] Re: shorthand  
Message-ID: <Pine.BSI.4.05L.10110041524350.1661-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Oct 2001, Bill Coleman wrote:

>  
> >I think it is shown in the calling sequences in the FCC regulations  
> >as the legal way of making a call.  
>  
> In a formal sequence, yes, but the formal exchange isn't always  
> necessary. In a DX pileup, Fox hunt, or contest, we don't send the other  
> operators call at all. we just send our own. The other operators on the  
> frequency seem to be able to figure out what's going on.

Can you point out the section of the FCC regs that state the above?

thom

|                                                                         |                                                       |
|-------------------------------------------------------------------------|-------------------------------------------------------|
| baltimoremd@baltimoremd.com                                             | Thom LaCosta K3HRN Webmaster                          |
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>   | Baltimore's Home Page                                 |
| <a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a> | Home of the Baltimore Lexicon                         |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>           | Home of The QRP Web Ring<br>and Drake Mail List Pages |

-----  
Date: Thu, 4 Oct 2001 14:28:25 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <kandrparker@sympatico.ca>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [108019] Re: Source for AWG 12 tinned copper wire  
Message-ID: <03cc01c14d0a\$bcf57860\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I don't know if this will work (square?)... but:

Part Number : S-W140  
Price : \$ 2.50 per 10 ft.

Description : WIRE, SQUARE BUS, .064 DIAMETER, PER 10 FEET  
#12 AWG square tinned copper. Sold in 10 foot lengths

<http://www.tubesandmore.com/>

72 de Brice KA8MAV  
Indianapolis, IN  
QRPP-I #1, QRP ARCI #10972, QRP-L #2360,  
KLQRP, FPQRP -156, ARS, ARRL  
<http://www.QRPP-I.com>

----- Original Message -----

From: ZOOM <kandrparker@sympatico.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, October 04, 2001 1:59 AM  
Subject: Source for AWG 12 tinned copper wire

> Hi All;  
>  
> I'm experimenting on antenna again! I'm building a Ferrite antenna for  
> transmitting/receiving. This will be a QRP antenna about 15" long and  
> resonate on 80M and 20M. I'm looking for a source for a small quantity of  
> AWG 12 tinned copper wire so if you know of a source that is not too  
> expensive, please let me know. I don't want to have to buy 50lbs of wire.  
>  
> Cheers,  
> Robert  
> VE3RPF  
>  
>

-----  
Date: Thu, 04 Oct 2001 15:39:22 -0400  
From: Dave Pomeroy <dave@dpomeroy.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [108020] Corsair  
Message-ID: <5.1.0.14.0.20011004153830.00a03100@mail.dpomeroy.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Can anyone tell me the difference between the Tentec Corsair and the

Corsair II? Thanks for your time.  
Dave Pomeroy K8DNP SouthWestern Michigan

-----  
Date: Thu, 04 Oct 2001 15:59:41 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: "Mark J. Dulcey" <mark@buttery.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [108021] Re: [Re: Contest scoring question]  
Message-ID: <3BBBCBFAD.3CFC22A2@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mark,

Gosh, I didn't know that! I log on paper, and use EXCEL to prepare finished logs. I don't normally have a computer in my operating area, so it makes computer logging a but harder - i.e. running up and down stairs to enter each QSO! Of course my wheelchair does not go up stairs very easily either. I guess I'll just leave contesting to you young kids!

73

-----  
Date: Thu, 04 Oct 2001 15:08:53 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: kandrparker@sympatico.ca  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [108022] Re: Source for AWG 12 tinned copper wire  
Message-ID: <3BBCC1D5.AB685041@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Robert, please post design details of this antenna!

If it does not \*have\* to be tinned, ordinary 3-conductor house wiring (Loomex, etc.) contains two #12 insulated wire and usually one #12 bare wire for safety ground.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

ZOOM wrote:

>  
> Hi All;  
>  
> I'm experimenting on antenna again! I'm building a Ferrite antenna for  
> transmitting/receiving. This will be a QRP antenna about 15" long and  
> resonate on 80M and 20M. I'm looking for a source for a small quantity of  
> AWG 12 tinned copper wire so if you know of a source that is not too  
> expensive, please let me know. I don't want to have to buy 50lbs of wire.  
>  
> Cheers,  
> Robert  
> VE3RPF

--

-----  
Date: Thu, 04 Oct 2001 15:57:20 -0600  
From: "Adrian Weiss" <aweiss@usd.edu>  
To: qrp-l@lehigh.edu  
Subject: [108023] 30m DXCC Update 151/162  
Message-ID: <GKP8YG01.337@mail.usd.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang:

I intended to post my 30m DXCC update at the 150 QSL'd mark,  
but when looking closer after getting the ZL7/G3TXF QSL today,  
I discovered that my usual numerical accuracy left me waiting  
for #150 for two weeks after I had it in the bag!

Starting Mar 30 1998 with the SST to an endfed up 45ft, I worked  
36 stns in 20 countries. Then came the SIERRA! The SST filled in  
another 14 countries later on when the SIERRA was down for repairs.

This has all been "minimal antenna" work -- wire at a max height of  
around 45ft, usually aimed in the wrong direction! Small lot!

The most interesting aspect of the experience is the revelations  
about propagation in two directions as well as prediction programs.  
Generally, path reciprocity is the accepted view. If that were  
universally true, then every station that I worked at 4.5 watts  
should have been around 10dB stronger, and a lot more with the SST.



However, the fact is that (guesstimating) around 70% of the about 1050 QSO's during the 3 year period were actually 229-559. In other words, if the reciprocity principle were air-tight, I should not have been copiable at a large majority of the 100, 200, and 400 watt DX stations in the log. In many cases, it took me 2-10 minutes to figure out the DX's call as he worked a series of stns and repeated his call. In a very few cases, I got the correct call via another U.S. stn calling the DX. As I noted in JOY OF QRP, a weak incoming signal does not mean that the path is hopeless. Other factors figure in, primarily the radiation patterns of antennas on eachend. But I have absolutely no doubt that the Pedersen Mode is in operation a lot more than is generally accepted. There is no way that I can get a 599+30 in UA0 with 4.5 watts when 5 hops at 9-deg, with a -10dB loss at each ground reflection, are required, especially when my vertical pattern is down around 7dB at 9-deg! So, Pedersen mode is the only possible explanation -- no hops. Likewise, multi-pathing and bent-paths due to horizontal gradation of ionization must create non-reciprocity in many cases.

At this stage, the "ones that got away" loom large -- "if I only had a couple more dB down low...etc". Here's what I've missed:

A2, 5U9, MU0, YK1, 3C1, KH0, PY0, XT2, D44, VQ9, E4, 3V8, ZD7, 5R8, VK9, P29, EP2,

argghhh - dumb trees here don't let me go up any higher, and not in the right direction! But it would only be 179 if I'd gotten them all!

So, those of you who don't even try DX on 30m, if you like working DX with a challenge -- try it. Over the past year, I have a great increase in the number of QRP stns making successful DX contacts on 30m! In one instance, I was the 3rd QRP stn in a row to work a fairly rare DX stn. I bet he started to wonder about being ganged up on by QRP'rs! It's the greatest PR for QRP!

72, Ade

-----  
Date: Thu, 4 Oct 2001 17:58:17 EDT  
From: IamSF5@aol.com  
To: dave@dpomeroy.com, qrp-1@lehigh.edu  
Subject: [108024] Re: Corsair  
Message-ID: <2f.1bb61e2f.28ee3579@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 10/4/01 3:39:18 PM Eastern Daylight Time,  
dave@dpomeroy.com writes:

<<

Can anyone tell me the difference between the Tentec Corsair and the  
Corsair II? Thanks for your time.

Dave Pomeroy K8DNP SouthWestern Michigan

>>

In a message dated 10/4/01 3:39:18 PM Eastern Daylight Time,  
dave@dpomeroy.com writes:

<< Can anyone tell me the difference between the Tentec Corsair and the  
Corsair II? Thanks for your time.

Dave Pomeroy K8DNP SouthWestern Michigan

>>

I'll give my input and i

I may be wrong but I stand to be corrected.

I think the # 2 model had an improved noise blanker and a bit of improvement  
on the noise floor.

What ever rig your may get they both are very good rigs.

Things

I didn't like them because when you worked out in the field the power supply  
that you left home has the protection circuit for the finals built inside.  
So you had to buy an optional device.

Also another thing I hated was TT built their rigs with the boards laying  
flat and made for a more or less non portable type of rig. I called them and  
they said they left the power supply out and laid the boards flat for a much  
more stable and even temperature rise through out the whole rig.

I loved mine but illness forced me to sell it.

I do know that TT calls their 4 pole filter an 8 pole because they count the  
pins so be watchful for that.

On the air I found the rig to be very nice and sensitive and very smooth  
turning of the VFO.

If I had the money I would shop for another one.

That's all I can remember from way back in 1987.

Old rig by today's standards but then my 901 DM I'll never part with.

Bob

WA2HOQrp <tm>

-----  
Date: Thu, 4 Oct 2001 18:05:57 EDT

From: IamSF5@aol.com

To: sigcom@juno.com, qrp-1@lehigh.edu

Subject: [108025] Re: Temporary Dipole Set-up/Need info

Message-ID: <87.11080a32.28ee3745@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 10/4/01 12:51:43 PM Eastern Daylight Time, sigcom@juno.com writes:

<<  
applications is scrapped deflection yokes from television sets.  
Generally speaking, the larger the picture tube, the larger the diameter of the wire. I have used the wire from old yokes for air-wound (with toilet-paper roll cores, of course!) coils and for toriod core >>  
Where I live  
In the dumpster is a \*BIG\* trashed TV set.  
How can I break open the picture tube (the safe way)??  
Any toxic powders inside?  
Bob  
WA2HQrp <tm>

-----  
Date: Thu, 4 Oct 2001 18:09:33 -0400  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [108026] FS: OHR400  
Message-ID: <000d01c14d21\$3fcf6320\$6401a8c0@columbus.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello everyone,

My last email bounced, so I am trying again..

For Sale, OHR400 In great condition. Already built. Works great. Worked 7 countries on this thing in a week. Includes the DD1 frequency counter (built) and the keyer circuit (built but not installed). Complete instructions for installing the keyer.

Asking for 250.00 including shipping (UPS Ground) to CONUS. Using money to get new computer.

Let me know if you are interested...

Jason Hissong  
N8XE

"For the scientist who has lived by his faith in the power of reason, the story ends like a bad dream. He has scaled the mountains of ignorance; he is about to conquer the highest peak; as he pulls himself over the final rock, he is greeted by a band of theologians who have been sitting there for centuries."

Dr. Robert Jastrow  
Founder of NASA's Institute for Space Studies

-----  
Date: Thu, 4 Oct 2001 18:37:37 -0400  
From: John <jmeade@telebyteusa.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [108027] JPS ANC-4 Noise Canceling Unit FS  
Message-ID: <211812926A10D4119B3200902734A6402CD975@EXCH>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

JPS ANC-4 Noise Canceling Unit - \$100  
(JPS is now Timewave Technology - [www.timewave.com](http://www.timewave.com)).  
I bought this off the list a few months ago when I had power line problems.

Since the local power company has fixed their issues, I no longer need this unit.  
It comes with the manual and 12V cube.

Here is the ARRL review for the product:

<http://www.arrl.org/members-only/prodrev/pdf/pr9602.pdf>

Bottom Line

The ANC-4 is remarkable in reducing local RF noise on a wide range of frequencies and modes. To defeat local noise before it reaches your transceiver's antenna jack, the ANC-4 is hard to beat.

73,

John Meade W2XS

Telebyte Broadband  
270 Pulaski Road  
Greenlawn, NY 11740-1616  
Phone: 631-423-3232 x416  
Toll-free: 800-835-3298  
Fax: 631-385-8184  
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